

A B S T R A C T

TITLE:

Phasing element and variable depointing antenna
including at least one such element

APPLICANTS:

MAT EQUIPEMENT
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INVENTOR:

The invention relates to a phasing element (1) and an antenna (9) comprising at least one such phasing element. The former is intended for inserting a variable lag into the transmission of an electric signal by variation of the electric path travelled by said signal in this element. According to the invention, this phasing element comprises an input transmission line (2) and an output transmission line (3), said lines (2, 3) being printed lines placed at the surface of a printed circuit (4). It also comprises a mobile radioelectric coupling means (5), input (2) and output (3) transmission lines, which includes a first arm and a second arm (6, 7). The electric path shows a variation field between a first position where the first and second arm (6, 7) cover respectively and entirely the input and output transmission lines (2, 3) thereby defining a minimal electric path, and a second position where the first and second arms (6, 7) are respectively placed in the alignment of the input and output transmission lines (2, 3) thereby defining a maximal electric path.

Figure 1